

*B1*

21. (Amended) An apparatus for surface treatment comprising:  
a processing vessel in which an object to be processed is placed;  
means for supplying  $\text{ClF}_3$  gas into the processing vessel;  
~~means for activating the  $\text{ClF}_3$  gas supplied in the processing vessel; and~~  
means for supplying a reducing gas into the processing vessel.

*L85*

22. (Amended) An apparatus for surface treatment comprising:  
a processing vessel in which an object to be processed is placed;  
means for supplying  $\text{ClF}_3$  gas into the processing vessel;  
means for promoting adhesion of  $\text{ClF}_3$  gas to the object to be processed; and  
means for activating  $\text{ClF}_3$  gas supplied in the processing vessel.

*S* 23. (Amended) An apparatus for surface treatment according to claim 22,  
further comprising a mount located in the processing vessel for setting the object to be  
processed thereon.

*GND*

24. (Amended) An apparatus for surface treatment according to claim 23,  
wherein the means for promoting adhesion of the  $\text{ClF}_3$  gas to the object to be processed  
is provided in the mount for cooling the object to be processed on the mount.

*GND*

25. (Amended) An apparatus for surface treatment according to claim 24,  
wherein the means for activating the  $\text{ClF}_3$  gas heats the object to be processed in a  
heating position at a distance from an object setting position for setting the object on the  
mount.

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com

*(S)*, 26. (Amended) An apparatus for surface treatment according to claim 25, further comprising means for elevating and lowering the object to be processed between the object setting position and the heating position.

*(S)* 27. (Amended) A cluster device comprising:

the apparatus for surface treatment according to claim 21, further comprising:  
a transport chamber for maintaining a non-reactive atmosphere therein and for transporting an object to be processed in the non-reactive atmosphere to and from the surface processing apparatus; and  
at least one processing apparatus for transporting the object to be processed to and from the transport chamber.

Please add new claims 29-32 as follows:

29. (New) An apparatus for surface treatment comprising:

a processing vessel into which an object to be processed is placed;  
means for supplying chlorine-containing gas into the processing vessel; *Cl*  
means for activating the chlorine-containing gas supplied into the processing vessel; and *H+*  
means for supplying a reducing gas into the processing vessel. *H+*

30. (New) A cluster device comprising:

the apparatus for surface treatment according to claim 29, further comprising:  
a transport chamber for maintaining a non-reactive atmosphere therein and for transporting an object to be processed in the non-reactive atmosphere to and from the apparatus for surface treatment; and

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
[www.finnegan.com](http://www.finnegan.com)

at least one processing apparatus for transporting the object to be processed to  
and from the transport chamber.

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31. (New) An apparatus for surface treatment comprising:

a processing vessel into which an object to be processed is placed;

means for supplying cleaning gas into the processing vessel;

means for promoting adhesion of cleaning gas to the object to be processed; and

means for activating cleaning gas supplied in the processing vessel. *cool* *heat*

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Central

32. (New) A cluster device comprising:

the apparatus for surface treatment according to claim 31, further comprising:

a transport chamber for maintaining a non-reactive atmosphere therein and for  
transporting an object to be processed in the non-reactive atmosphere to and from the  
surface processing apparatus; and

at least one processing apparatus for transporting the object to be processed to  
and from the transport chamber.

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HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
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Fax 202.408.4400  
[www.finnegan.com](http://www.finnegan.com)